FACILITIES, EQUIPMENT & OTHER RESOURCES

FACILITIES: Identify the facilities to be used at each performance site listed and, as appropriate, indicate their capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Use "Other" to describe the facilities at any other performance sites listed and at sites for field studies. Use additional pages if necessary.

Laboratory: Clean Room and Laboratory
The University has built a 120 sq.m. (1300 sq.ft.) class-10,000 clean room for component preparation and module construction. The clean room is climate-controlled to TRT specifications.
A laboratory in the Graduate Physics Research Center of 40 sq.m. (450 sq.ft.) will be used for module testing.

Clinical: N/A

Animal: N/A

Computer: Network, workgroup and Server
The renovation area is wired for Ethernet, and connected to the newly-upgraded University network.
A workgroup of about 10 Windows NT machines will serve the needs of the project, including data-entry and data-acquisition for the production database. The workgroup is supported by a file-server with a RAID 5 disk system and other redundant hardware, for high availability and reliability.

Office: Renovated space
The renovation for the clean room also included 50 sq.m. of new office space for the use of the ATLAS project.

Other: N/A

MAJOR EQUIPMENT: List the most important items available for this project and, as appropriate, identify the location and pertinent capabilities of each.

OTHER RESOURCES: Provide any information describing the other resources available for the project. Identify support services such as consultant, secretarial, machine shop, and electronics shop, and the extent to which they will be available for the project. Include an explanation of any consortium/contractual/subaward arrangements with other organizations.

There is a small machine shop in the Graduate Physics Research center that is available for our use (it is not staffed). It has a milling machine, a drill press and a bandsaw.
The sub-award for engineering services to M. RosenBlatt & Son will cover production supervision and preparation of necessary quality control documentation (as required by ATLAS). MR&S have been involved in this project from its inception and have now much experience with TRT production issues.
The sub-award to Jefferson Lab is for supplies, other services, and design and prototyping of front-end electronics for module testing.